

Spring Install Procedure for Water System

- Waite Park Gardens -

When: First week in May (depending on weather). Safe day for plantings is May 15th.

Procedure:

1. At this time, the curb-stop valve will not yet be turned on by the Minneapolis Water Works.
2. Add the 26# counterweight back onto the lifter cable. Oil pulleys with bike-chain lube. Open hutch lid fully and insure that it stays open by fastening a short bungie cord or rope to the lid eyebolt, around the lifter post, and back again.
3. If removed last fall, re-install the horizontal inlet piping onto the 1.5" dia. vertical supply line that is coming out of the ground. Use a wrench to back-up the supply line when tightening.
4. Insert the 1.5" pipe plug into the top of the supply line (use teflon tape and wrench back-up). Close the 90° ball valve just above ground on the supply line.
5. The 3/4" blow-out line comes out of the ground in the left front corner of the hutch. Install the gauged, quick-connect onto the top of the line. Close the 90° ball valve on this line.
6. Phone the Minneapolis Water Works / Meter Department requesting a meter installation and the turn-on of our curb-stop valve. Our **Service Address** is: 3601 Lincoln St. NE and our **Customer Name** is Waite Park Community Council. Our **Water Account Number** is: 203-1187.300 Their address is: 4300 Marshal St. NE (43rd and East River Road). Their phone is: **(612) 661-4951** and ask for Mike. Tell them about padlocks and combinations: Gate ____ / Hutch ____
Give your phone # for contact.
7. After the meter is installed and the curb-stop valve is turned on; a plumber, certified to test the backflow-preventing RPZ valve assembly, must take over. If the RPZ assembly needs rebuilding (legally required every 5 yrs), it is best done now on the picnic table. WPCG must supply the repair kit.
8. Open the hutch cover fully and secure with short bungie or rope. Then, position the RPZ assembly on the support boards. Use the 1" thick board under the left side and the 2" thick board under the right.
9. On the inlet end of the RPZ, add the black gasket and bolts and hand-tighten the nuts.
10. On the outlet end of the RPZ, align the fitting to the PVC line, then wrap plumber's teflon tape around the male threads of the coupling half. Hand-tighten the large coupling nut. Hold the PVC side with the 18" pipe wrench and tighten the coupling nut with the 24" pipe wrench.
11. Now tighten the bolts on the RPZ inlet end that connects to the meter.
12. On the outlet end of RPZ valve assembly, close the 90° ball valve. This is the ball valve with the long handle that gardeners use.
13. The plumber, certified to test the RPZ valve assembly, will now test it.
14. *While the test is performed*: Walk the entire garden and close ALL faucets.
15. Close the 1.5 inch PVC drain valve that is ~20 ft east of the hutch and in a pile of rocks.
16. *After the test is performed*: On the outlet end of RPZ valve assembly, open the 90° ball valve. This is the ball valve with the long handle that gardeners use. You should hear the water rushing into the lines.
17. On each of the four irrigation lines: Open the faucet farthest from the supply hutch and bleed the air out of that line. Close the faucet after all gurgling is done. Check it for no-drip shut-off. Open all other faucets in that line and similarly bleed air and check for no-drip shut-off. If a faucet drips, a new washer is needed.
18. Close the ball valve with the long handle that gardeners use.
19. Lock-up the hutch.

Plumber certified to test RPZ:

Mike Nybo Plumbing &
Heating
h (763) 498-7905